

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Original) Process for the preparation of organic salts containing bis(perfluoroalkyl)phosphinate anions comprising at least the reaction of a tris(perfluoroalkyl)phosphine oxide with an alcohol and an organic base which is more strongly basic than the alcohol.

2. (Currently Amended) Process for the preparation of organic salts containing bis(perfluoroalkyl)phosphinate anions according to Claim 1, characterised in that wherein the organic base employed is a compound of the general formula (1)

R<sub>3</sub>X (1)

or of the general formula (2)

R<sub>2</sub>Y (2)

in which

X denotes or

Y denotes -O-, -S-, -Se-, -C(=O)-, -C(=S)- or -C(=Se)-,

R denotes H for Y ≠ O and where, in the case of the formula (2), all R cannot simultaneously be H,  
straight-chain or branched alkyl having 1-20 C atoms,  
straight-chain or branched alkenyl having 2-20 C atoms and  
one or more double bonds,  
straight-chain or branched alkynyl having 2-20 C atoms and  
one or more triple bonds or  
saturated, partially or fully unsaturated cycloalkyl  
having 3-7 C atoms, in particular phenyl,

which may be substituted by alkyl groups having 1-6 C atoms,

where the substituents R are in each case identical or different,

where the substituents R may be bonded to one another in pairs by a single or double bond,

where one or more, but not all, the substituents R may be partially or fully substituted by halogens, in particular -F and/or -Cl, or partially by -CN or -NO<sub>2</sub>,

and where one or two non-adjacent carbon atoms of the substituent R may be replaced by atoms and/or atom groups selected from the group -O-, -C(O)-, -C(O)O-, -C(O)NH-, -C(O)NR'-, -S-, -S(O)-, -S(O)NH-, -S(O)NR'-, -S(O)O-, -S(O)<sub>2</sub>, -S(O)<sub>2</sub>O-, -S(O)<sub>2</sub>NH-, -S(O)<sub>2</sub>NR'-, -N=, -N=N-, -NH-, -NR'-, -PH-, -PR'-, -P(O)R'-, -P(O)R'-O-, -O-P(O)R'-O- and -PR'<sub>2</sub>=N- where R' = non-, partially or perfluorinated C<sub>1</sub>- to C<sub>6</sub>-alkyl, C<sub>3</sub>- to C<sub>7</sub>-cycloalkyl, unsubstituted or substituted phenyl or an unsubstituted or substituted heterocycle.

3. (Currently Amended) Process according to Claim 1,  
~~characterised in that wherein~~ the organic base employed is a compound selected from the group (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>N, (C<sub>2</sub>H<sub>5</sub>)<sub>2</sub>NH, (C<sub>2</sub>H<sub>5</sub>)<sub>3</sub>P, (C<sub>2</sub>H<sub>5</sub>O)<sub>3</sub>P, (C<sub>4</sub>H<sub>9</sub>)<sub>3</sub>P, CH<sub>3</sub>-S-CH<sub>3</sub>, (CH<sub>3</sub>)<sub>2</sub>N-C(O)-N(CH<sub>3</sub>)<sub>2</sub>, C<sub>6</sub>H<sub>5</sub>-Se-C<sub>6</sub>H<sub>5</sub>, guanidine, pyridine, imidazole, N-methylimidazole, benzoxazole, benzothiazole, pyrrolidine, piperidine, piperazine, aniline, N,N-dimethylaniline, benzylamine, N-ethylbenzylamine or diphenyl sulfide.

4. (Currently Amended) Process for the preparation of organic salts containing bis(perfluoroalkyl)phosphinate anions according to claim 1,  
~~characterised in that wherein~~ the alcohol employed is an aliphatic alcohol.

5. (Currently Amended) Process according to claim 1,  
characterised in thatwherein the alcohol employed is a compound selected from  
the group-methanol, ethanol, isopropanol, n-propanol, butanol, hexanol and/or  
benzyl alcohol.

6. (Currently Amended) Process according to claim 1,  
characterised in thatwherein the alcohol employed is a fluorinated aliphatic  
alcohol.

7. (Currently Amended) Process according to claim 1,  
characterised in thatwherein the alcohol employed is an unsaturated alcohol.

8. (Currently Amended) Process for the preparation of organic salts  
containing bis(perfluoroalkyl)phosphinate anions according to claim 1,  
characterised in thatwherein the tris(perfluoroalkyl)phosphine oxide employed is a  
tris(perfluoroalkyl)phosphine oxide in which the three perfluoroalkyl groups are  
identical or different.

9. (Currently Amended) Process for the preparation of organic salts  
containing bis(perfluoroalkyl)phosphinate anions according to claim 1,  
characterised in thatwherein the tris(perfluoroalkyl)phosphine oxide employed is a  
tris(perfluoroalkyl)phosphine oxide in which the perfluoroalkyl groups contain 1  
to 12 C atoms and are straight-chain or branched.

10. (Currently Amended) Process according to Claim 8,  
characterised in thatwherein the tris(perfluoroalkyl)phosphine oxide employed is a  
compound selected from the group-(CF<sub>3</sub>)<sub>3</sub>P(O), (C<sub>2</sub>F<sub>5</sub>)<sub>3</sub>P(O), (C<sub>3</sub>F<sub>7</sub>)<sub>3</sub>P(O) or

(C<sub>4</sub>F<sub>9</sub>)<sub>3</sub>P(O).

11. (Currently Amended) Process for the preparation of organic salts containing bis(perfluoroalkyl)phosphinate anions according to Claim 1, characterised in that wherein the reaction is carried out at a temperature of -20°C to 200°C.

12. (Currently Amended) A process for the preparation of an ionic liquid, comprising preparing anUse of the organic salt containing a bis(perfluoroalkyl)phosphinate anion prepared by a process according to claim 1 asand formulating the salt into an ionic liquid.

13. (Currently Amended) A process for effecting phase-transfer catalysis, comprising preparing anUse of the organic salt containing a bis(perfluoroalkyl)phosphinate anion prepared by a process according to claim 1 as phase transfer catalyst or as surfactantand subjecting said salt to a phase-transfer catalysis reaction.

14. (Currently Amended) A process for preparing an electrochemical cell, comprising preparing anUse of the organic salt containing a bis(perfluoroalkyl)phosphinate anion prepared by a processaccording to claim 1 as conductive saltand placing said salt in an electrochemical eellsell.

15. (Currently Amended) A process for achieving a plasticizing effect, comprising preparing anUse of the organic salt containing a bis(perfluoroalkyl)phosphinate anion prepared by a process according to claim 1 as plasticiserand combining with materials to be plasticized.

16. (New) A process for achieving a surfactant effect, comprising preparing an organic salt containing a bis(perfluoroalkyl)phosphinate anion according to claim 1 and combining with materials in which a surfactant effect is desired.